

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,103,525 B2  
APPLICATION NO. : 09/929047  
DATED : September 5, 2006  
INVENTOR(S) : Makoto Suwada et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Title Page

First Page Column 2 item 56 (Other Publications), Line 2, change "1992 p. 508-511." to --1992, pp. 508-511.--.

On Title Page

First Page Column 2 item 56 (Other Publications), Line 3, change " "Line" to --"Line--.

On Title Page

First Page Column 2 item 56 (Other Publications), Line 4, change "Fujitsu p. 297-302." to --Fujitsu, pp. 297-302.--.

On Title Page

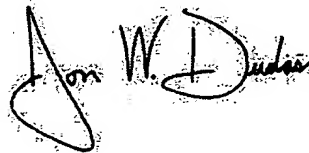
First Page Column 2 item 56 (Other Publications), Line 6, change "IEEE p. 1043-1046." to --IEEE, pp. 1043-1046.--.

On Title Page

First Page Column 2 item 57 (Abstract), Line 5, after "circuit" change "deign" to --design--.

Signed and Sealed this

Twenty-third Day of January, 2007

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*